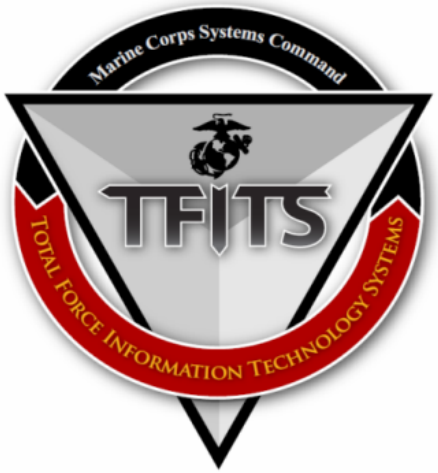


MCTIMS Industry Day

19 December 2011

Purpose

- To inform Industry of the current and future requirements of the Marine Corps Training Information Management System (MCTIMS)

Agenda

- **Welcome**
  - Introduction of Key Government Players — Ms. Shanhols
  - Purpose — Ms. Shanhols
- **Contracting Officer comments** — Ms. Markley
- **Program Overview**
  - System Description — Mr. Lance
  - History/Background — Mr. Lance
  - Current System Requirements — Mr. Lance
  - Future System Requirements — Ms. Shanhols
  - Program Challenges — Ms. Shanhols
  - Acquisition Strategy — Ms. Shanhols
  - Contracting Strategy — Ms. Shanhols
  - Logistics Considerations — Ms. Shanhols
  - Engineering Considerations — Mr. Salmon
- **Questions** — Government Team

System Description

MCTIMS is the enterprise training system for Training and Education Command (TECOM). It is a web-based system, accessible from any computer using IE 6.0 or higher and a Common Access Card (CAC) reader. MCTIMS maintains Training and Readiness Manuals, Curricula, MOS Manuals, MOS Roadmaps, Course Schedules, and Class Seat allocations. In addition, MCTIMS is used to input and track student registrations, test scores, class standings, and course completions. Recent enhancements enable operational force units in the conduct of unit training management and readiness reporting. MCTIMS is resident

History/Background

- Original focus was to support the formal learning center and the curriculum development process.

- Expanded to include interfaces with sister services for formal school registrations.

- MCTIMS is expanding to include:

  » an OPFOR centric capability that supports unit training management and readiness reporting.

  » access to all training requirements, status, and historical records associated to an Individual Marine.

Operational View

- Enterprise System
- Over 21,000 Active Users world wide
- 14 Current and 1 Future Modules
- Supports standardized training and education
- MCO 1553.2B

Training Standards Capabilities

- Training & Readiness Manuals
  - Training Events
    - » Prerequisites
    - » Requirements
    - » Performance Steps
  - Mission Essential Tasks (METs)
  - Events Mapped to METs
- Taskmaster
  - Task Lists
  - Mapped to T&R Events
- MOS Manual
  - Prerequisites
  - Requirements
  - Duties

Curriculum Management Capabilities

- Curriculum Management
  - Learning Objectives
  - Concept Cards
  - Course Descriptive Data
  - Program of Instruction

- Student Registrar
  - Course Identifier Formalized
  - Class Schedules
  - Seat Allocations

- Curriculum Library
  - MARFOR’s can query curriculum
  - Will assist in keeping curricula standard

Training Delivery Capabilities

- Student Registrar
  - Marine Registered for Class
  - Justification for Temporary Additional Duty (TAD) Funding
- Curriculum Management
  - Learning Objectives
  - Concept Cards
- Student Evaluation
  - Tests Administered
- Unit Training Management
  - Planning and Scheduling
  - Recording Unit Training

Training Tracking Capabilities

- Student Registrar
  - Course Completions Recorded
  - Transactions Sent to MCTFS
- Student Evaluation
  - Tests Graded
  - GPA’s Computed
- Student Management
  - Track and Record non-GPA training
  - Record Intermediate/Inventory PFT’s
- Individual Marine Management
  - Track and Record Individual Training
  - Provide CO Visibility of Training Status
- Electronic Training Jacket
  - View the training status of every Marine
  - Identify training deficiencies
  - Leadership oversight

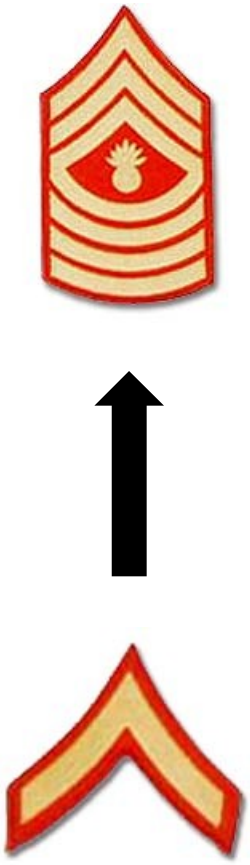
Student Management Capabilities

- Student Management
  - Track Current Status of Students
  - Conduct and Record Counseling’s
  - Transfer Students to Sub-Units within Schools
  - Complete Visibility of Students
  - Customizable Tracking “Spreadsheets”
  - Customizable Rosters & Reports

Career Progression

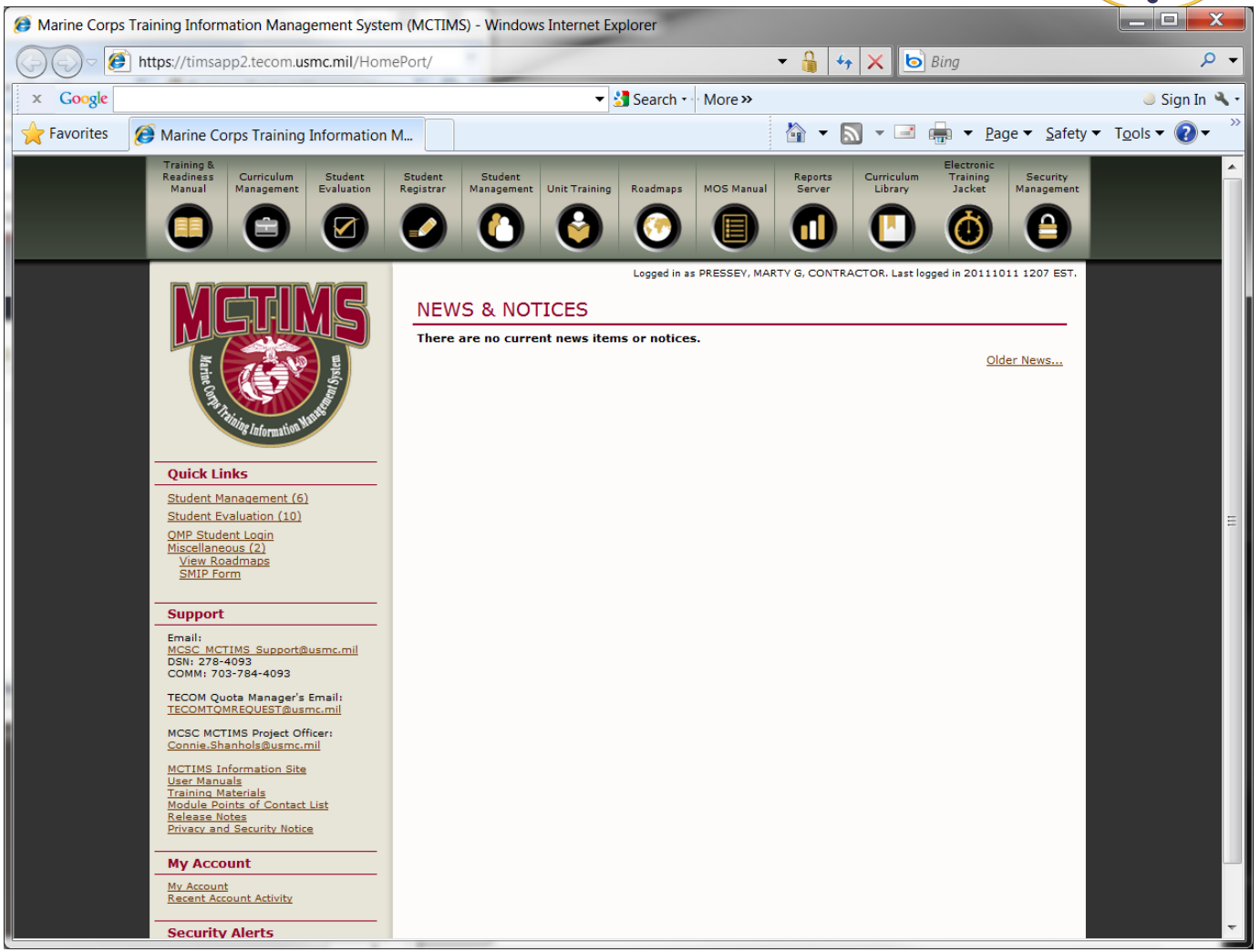
- MOS Roadmaps
  - MOS specific training
  - PME requirements
  - Commandants reading list
  - Standard requirements

- Electronic Training Jacket
  - View your training status
  - Identify training deficiencies
  - Determine your way to promotion



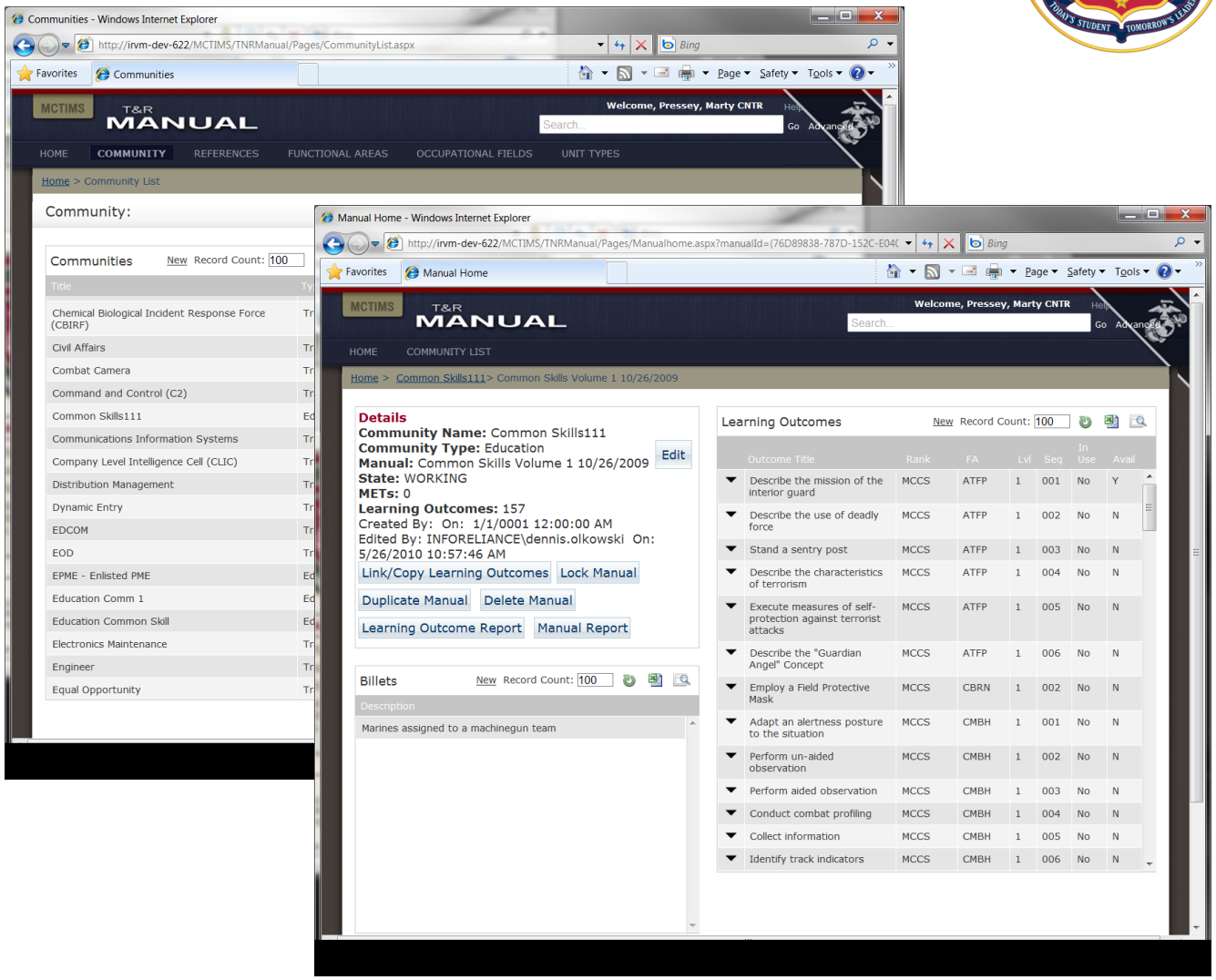
Homeport

- Module Links
- Quick Links
- Support Information
- User Manuals
- Training Materials
- POC's List
- Release Notes



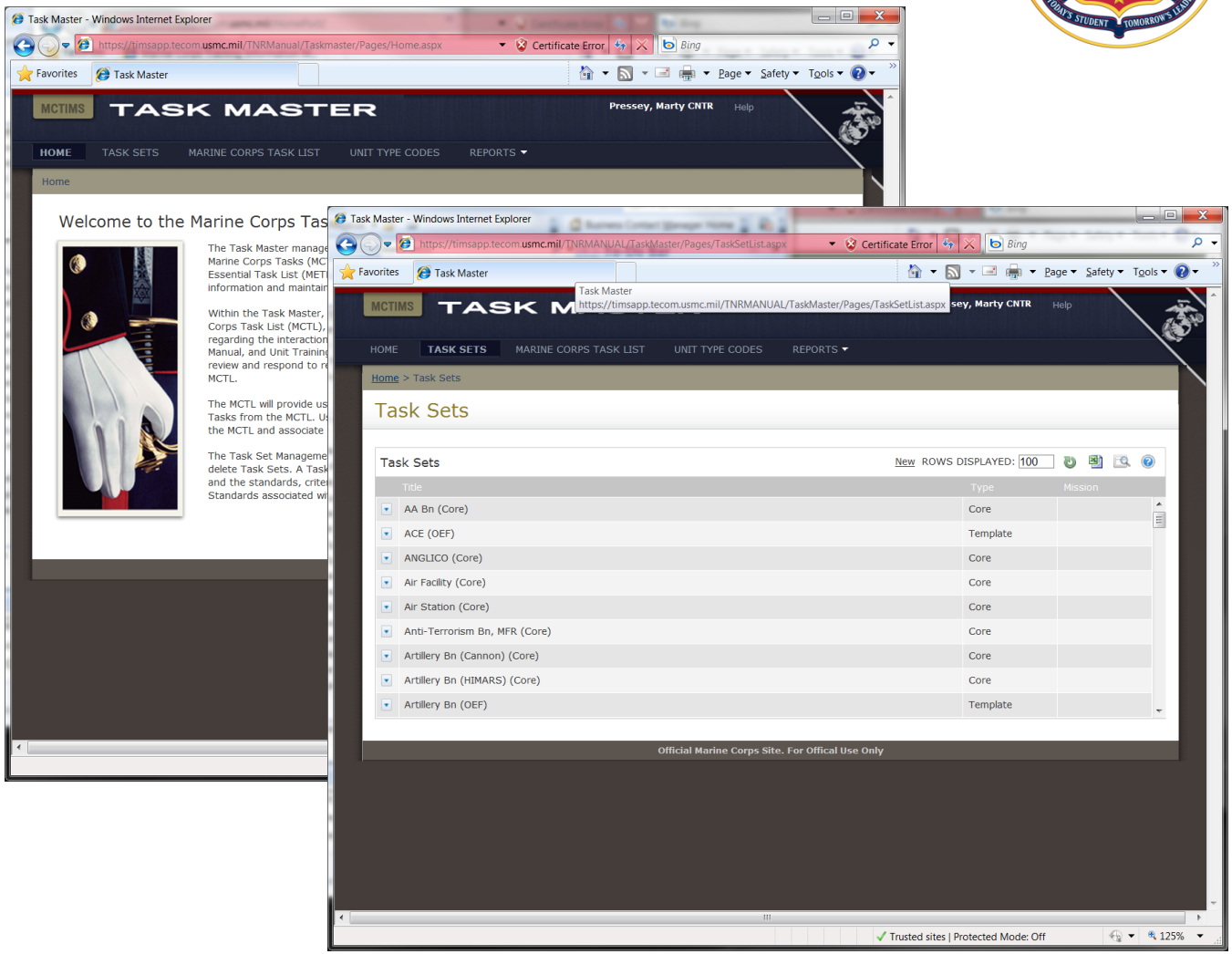
T&R Manual

- Communities
- Manuals
- Events
- Mission Essential Tasks (METs)
- References



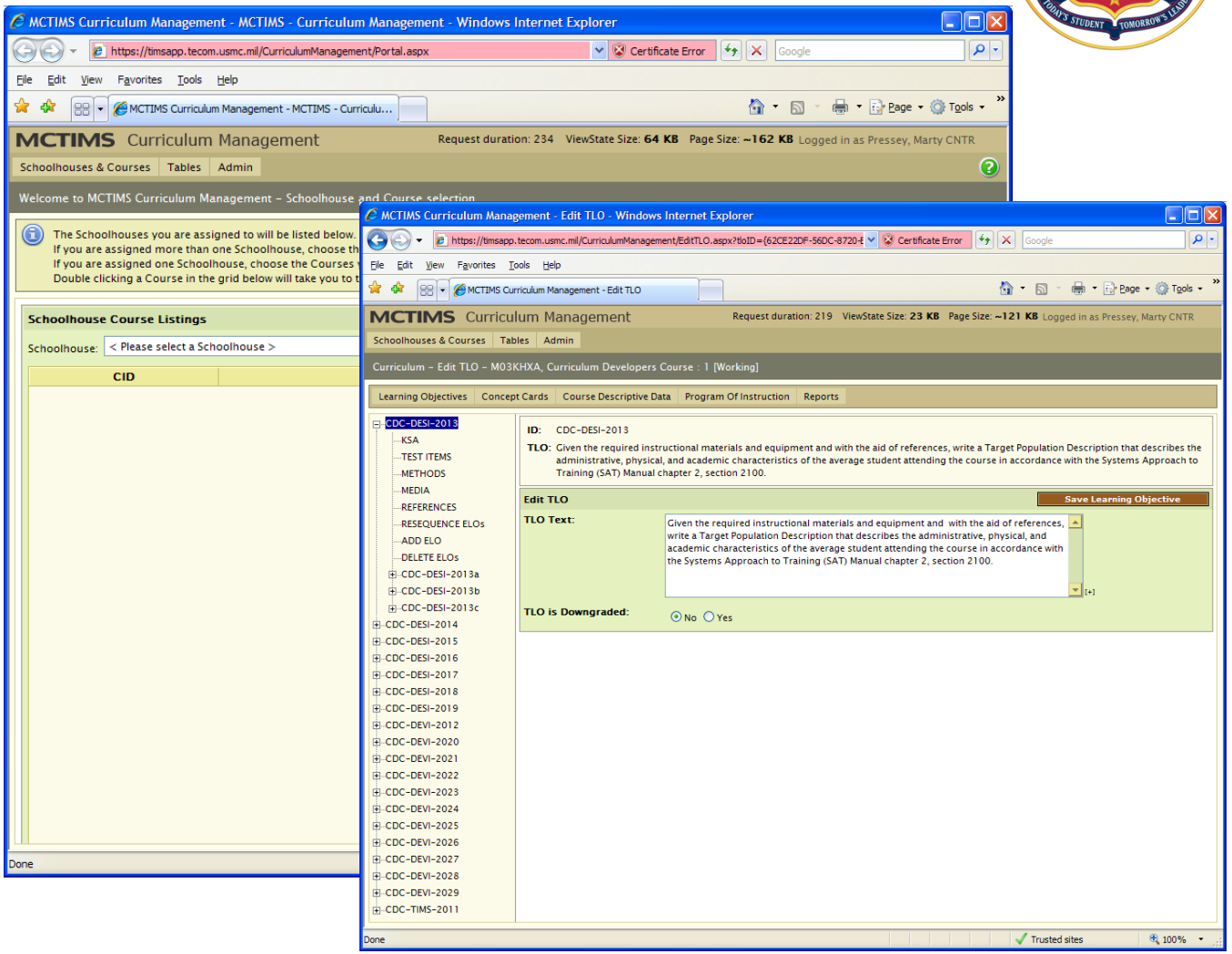
Taskmaster

- Task Sets
- MCTL
- MCT
- T&R Events



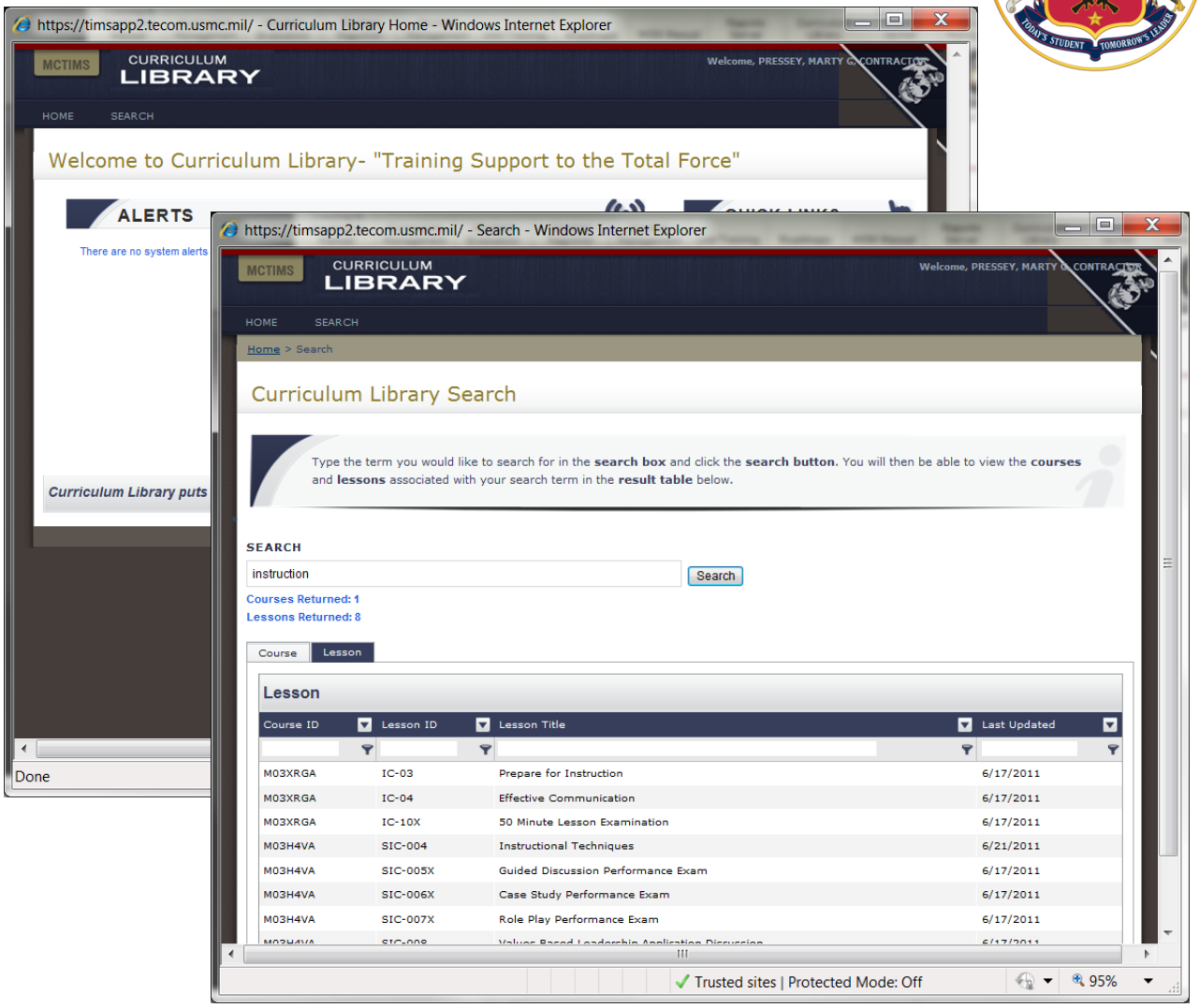
Curriculum Management

- Leaning Objectives
- Methods
- Media
- References
- Concept Cards
- Course Descriptive Data
- Program of Instruction
- Reports



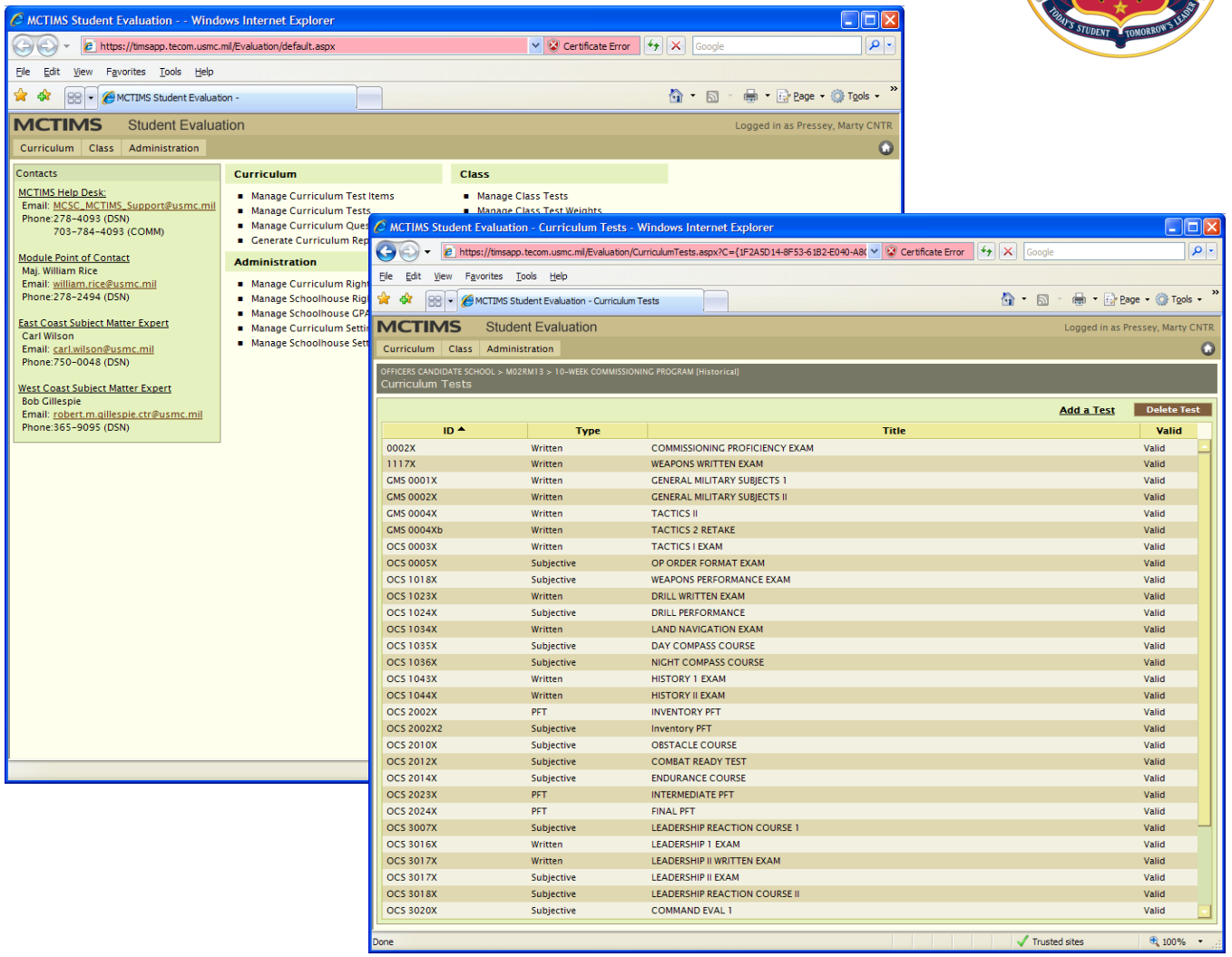
Curriculum Library

- Provides schools with a means to share curriculum
- Provides the operating forces access to published curriculum
- Search for key words



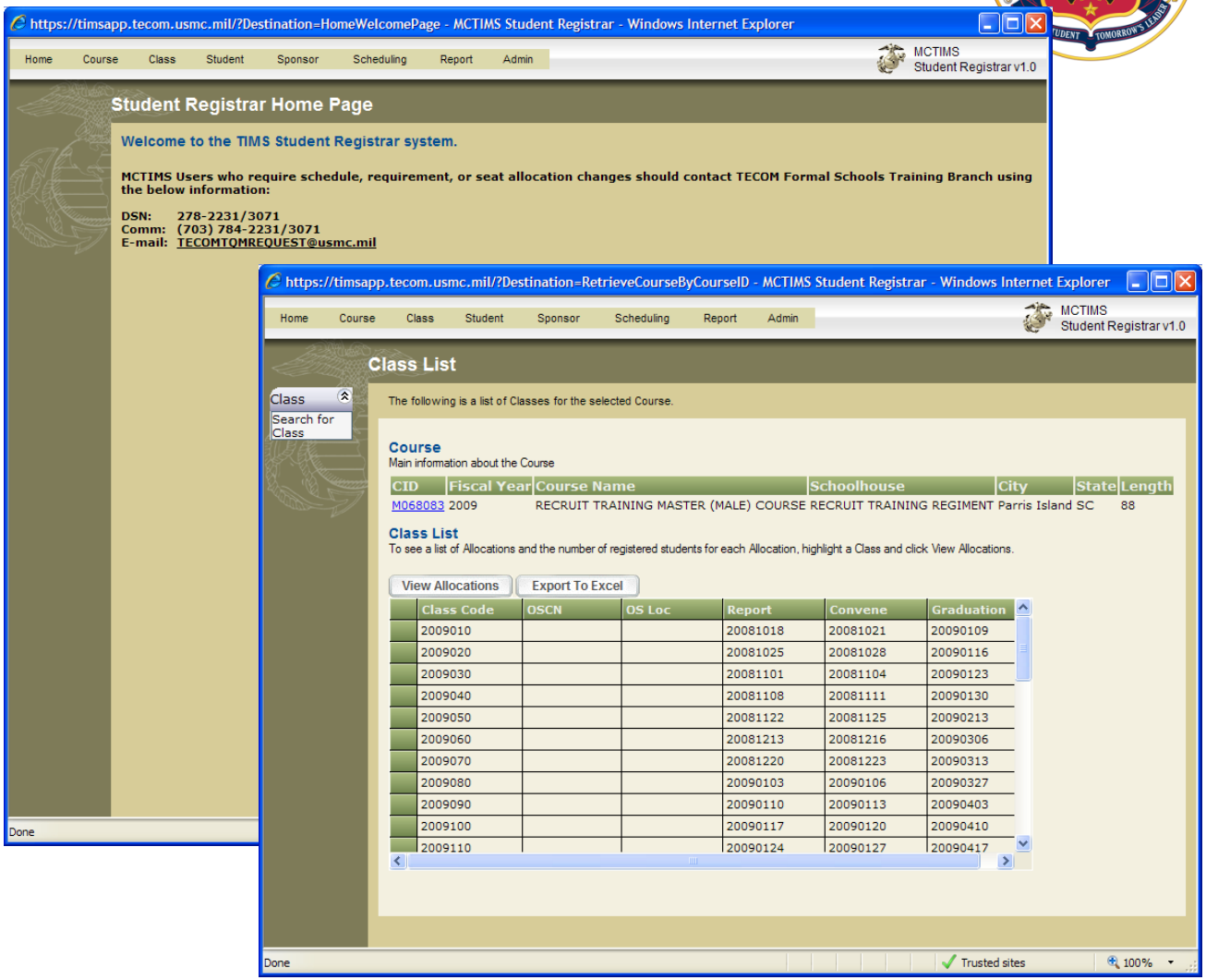
Student Evaluation

- Tests
- Test Items
- Grading
- GPA’s
- Analysis
- Reports



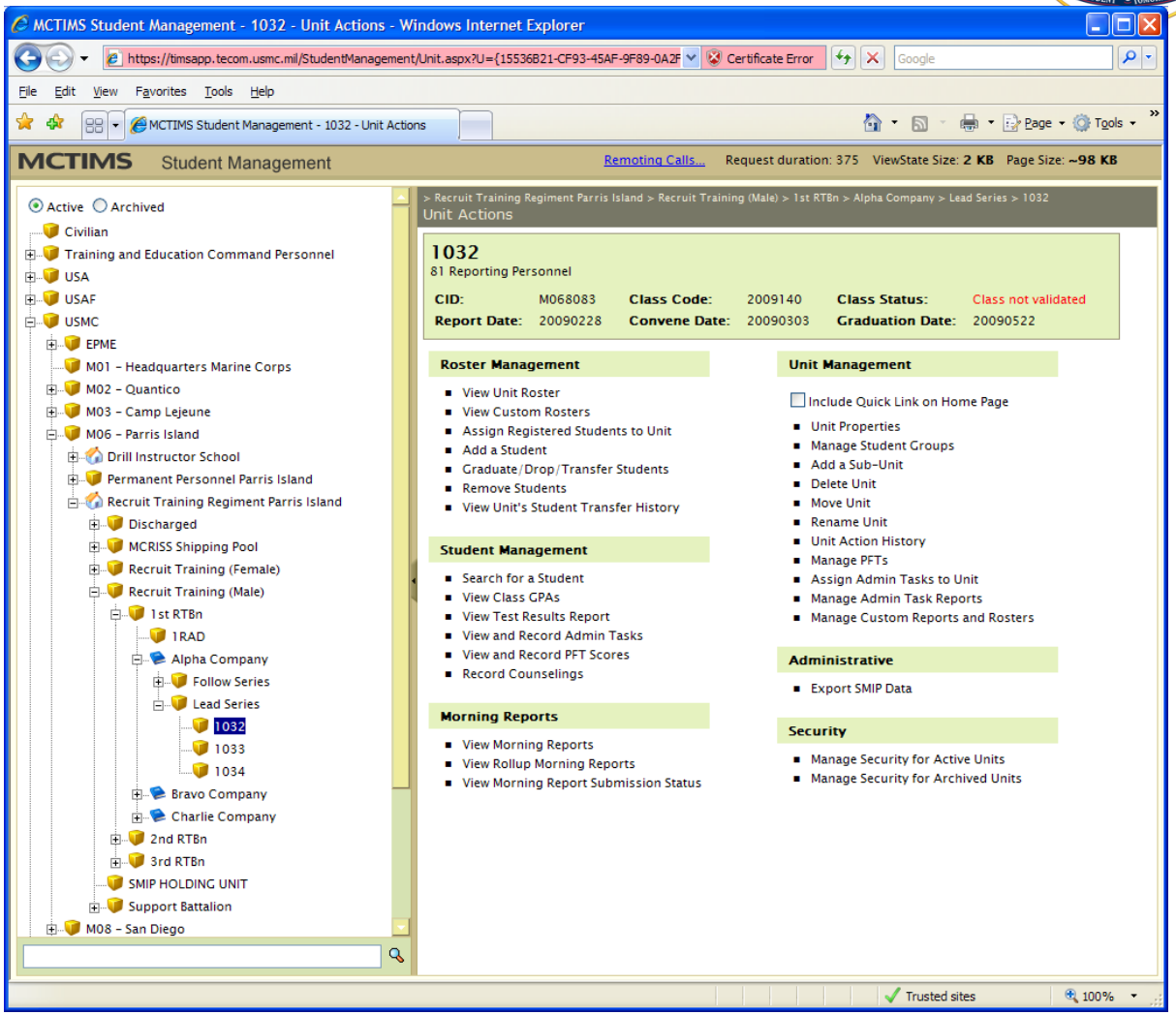
Student Registrar

- Courses
- Classes
- Rosters
- Reports
- Training Input Plan (TIP)
- Scheduling Wizard



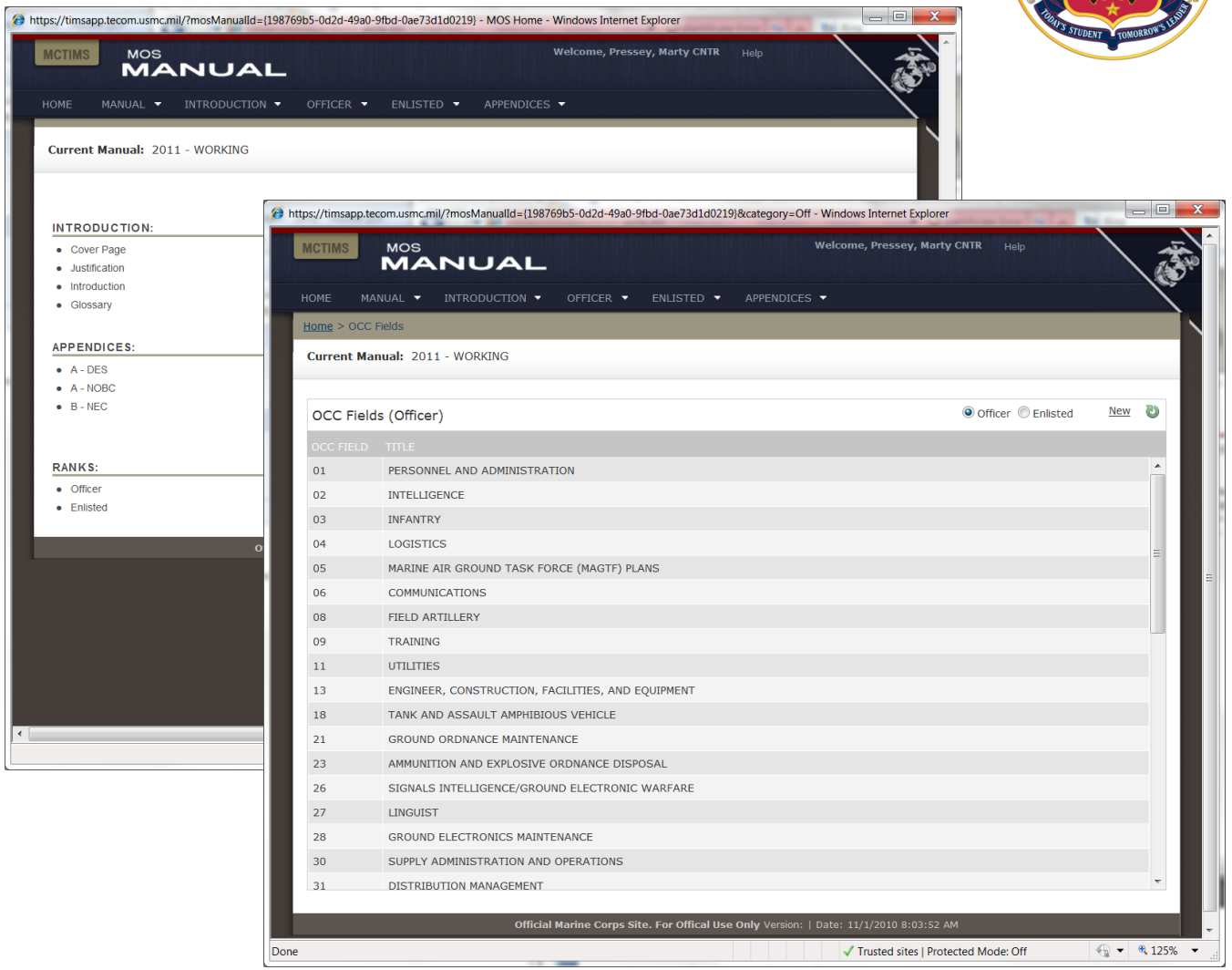
Student Management

- Hierarchical View
- Roster Management
- Student Management
- Admin Tasks
- Morning Reports
- Unit Management
- SMIP
- Reports



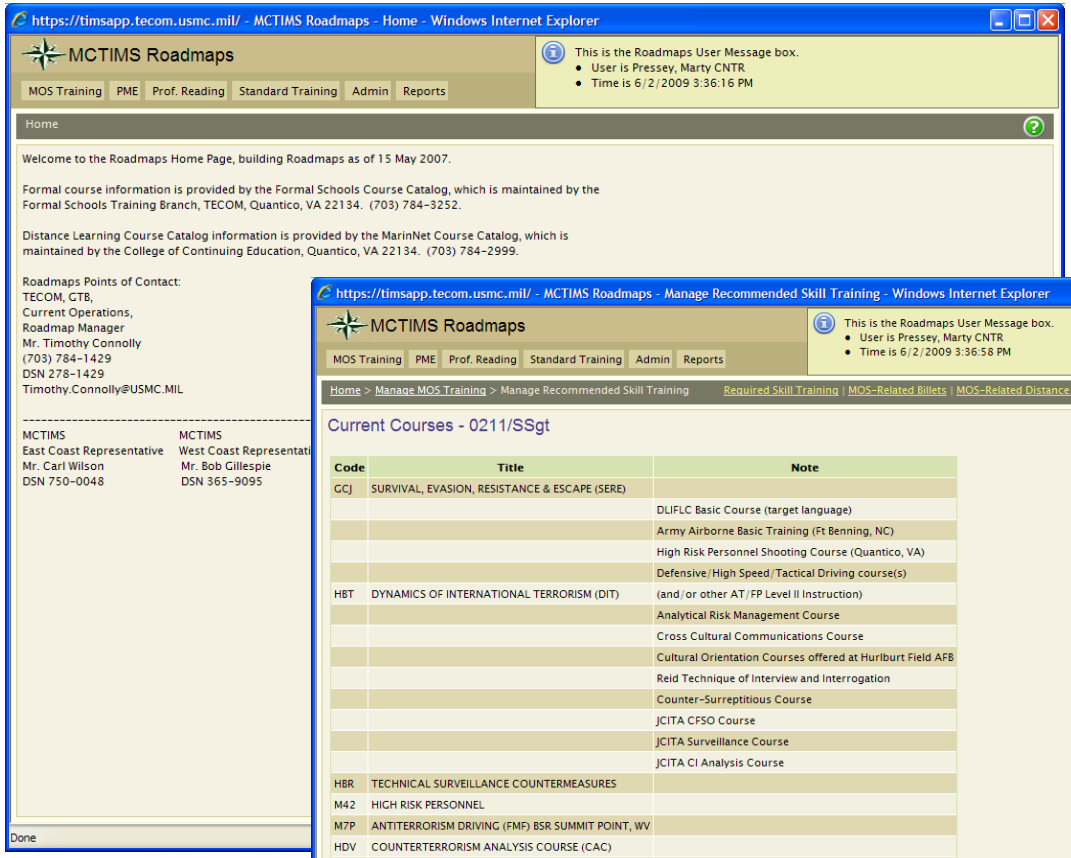
MOS Manual

- Occupational Fields
- Military Occupational Specialties
- Prerequisites
- Requirements
- Published once a year



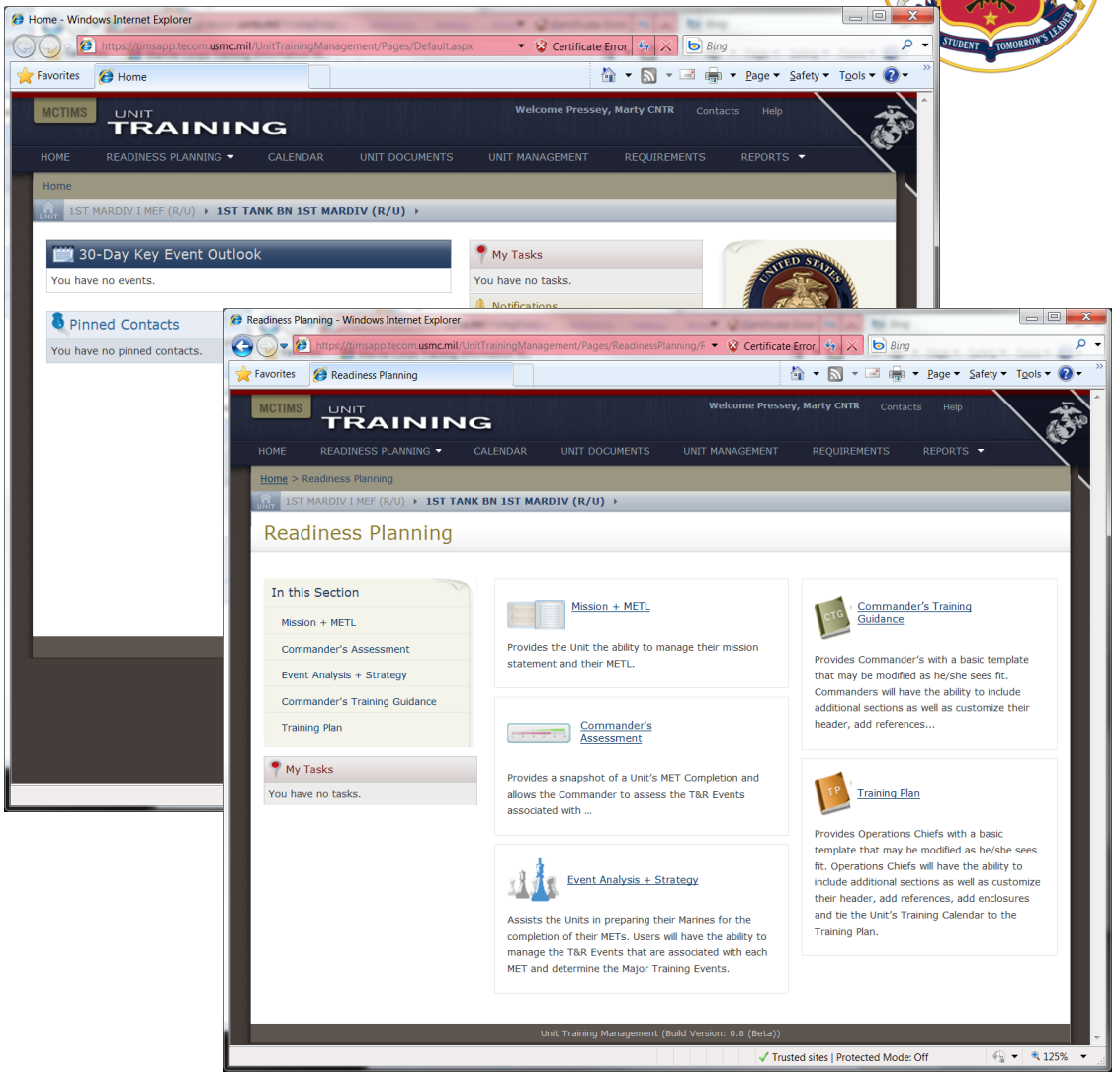
MOS Roadmaps

- MOS Training
- Professional Military Education (PME)
- Professional Reading List
- Standard Training
- Reports



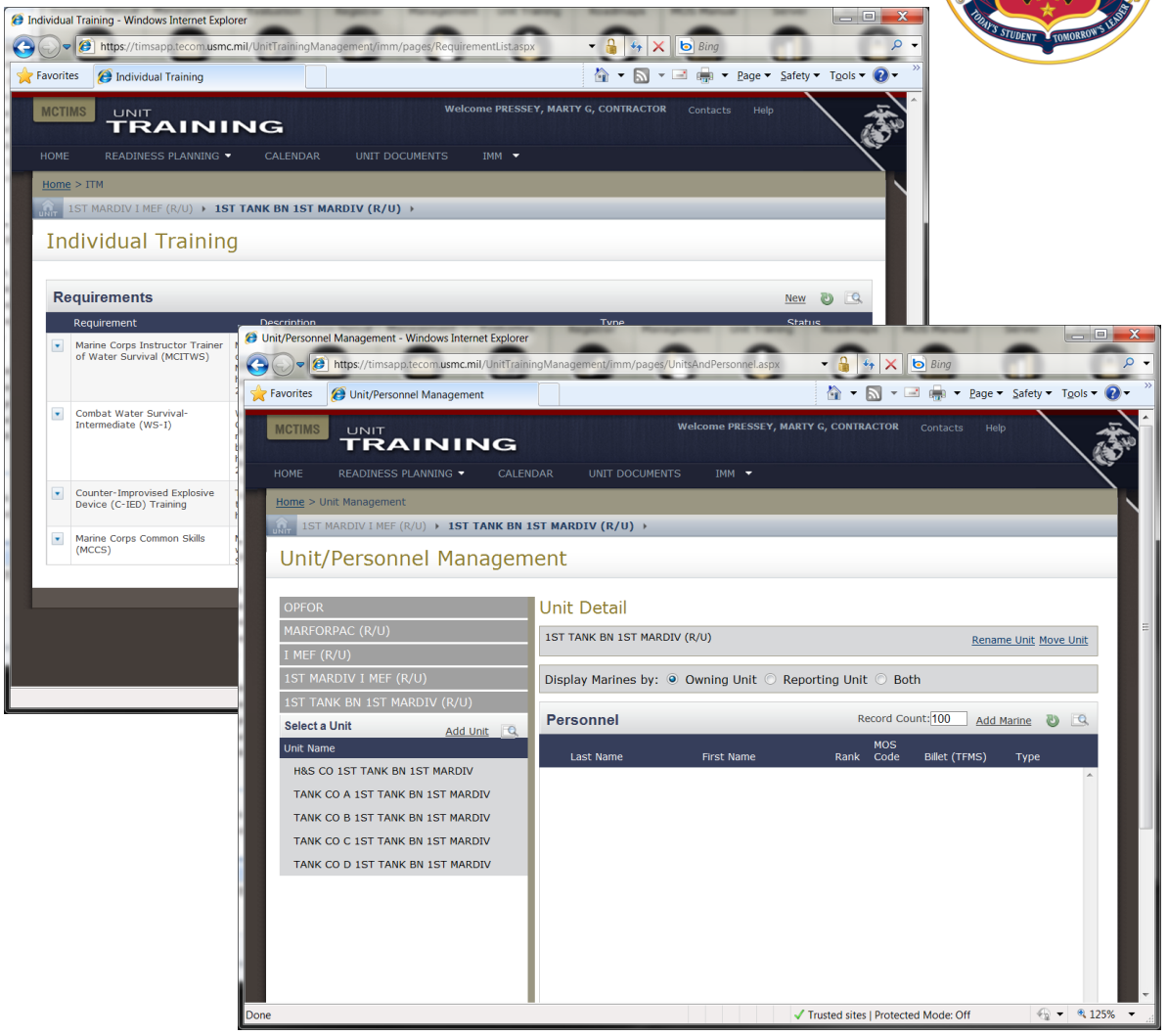
Unit Training Management

- View unit METL
- Assess units based on training standards
- Plan and schedule training events
- View training plans and schedules in real time
- Disseminate relevant and accurate training information in real time
- Submit Training Support Requests (TSR)
- View of training plans and schedules both vertically and horizontally



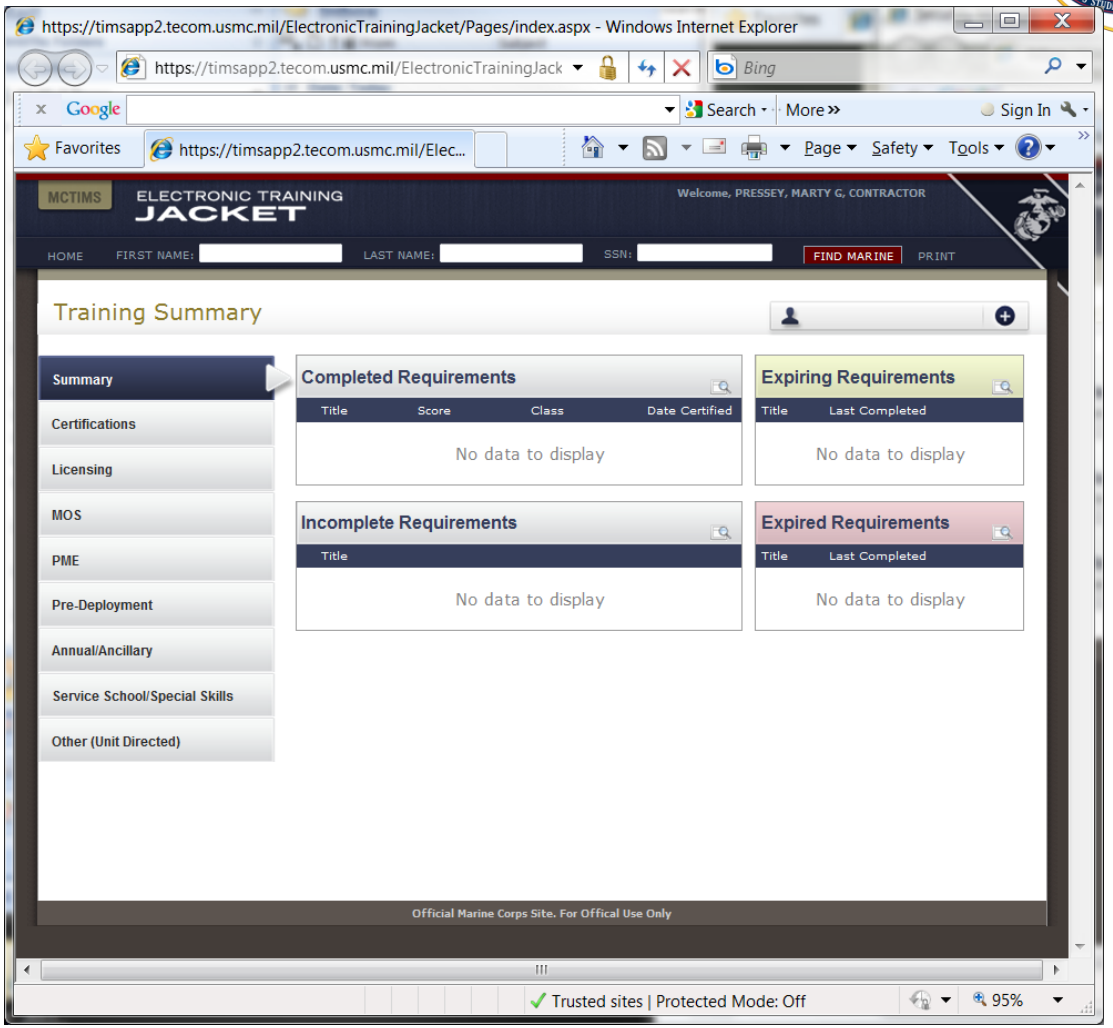
Individual Marine Management

- View HHQ training requirements
- Develop unit training requirements
- Add/remove personnel
- Record training against requirements
  - Annual/ semi-annual, HHQ, Unit, PTP
- Reports



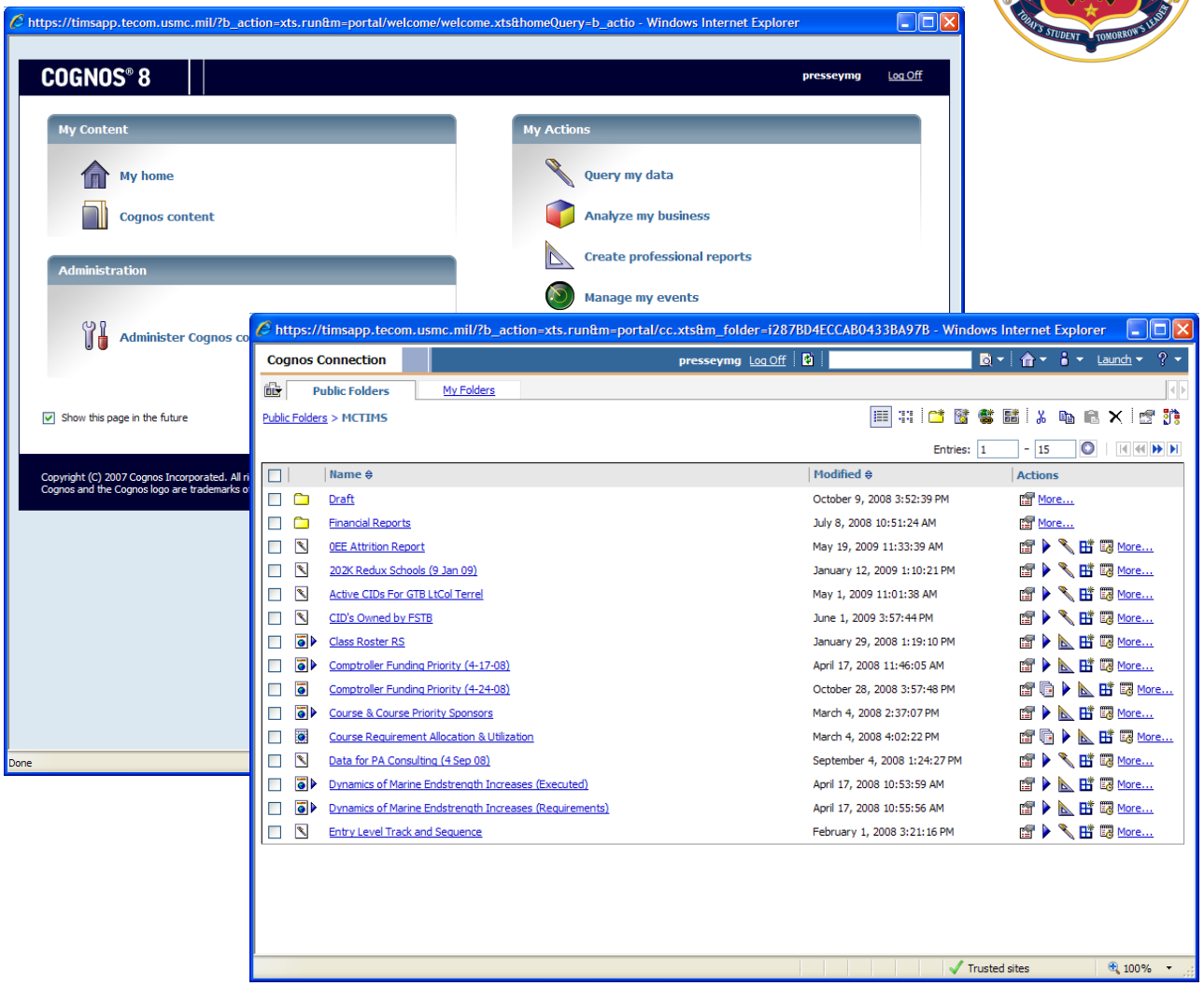
Electronic Training Jacket

- View individual:
  - Training Summary
  - Certifications
  - Licensing
  - MOS Information
  - PME
  - Pre-Deployment
  - Annual/Ancillary
  - Service Schools
  - Unit Directed



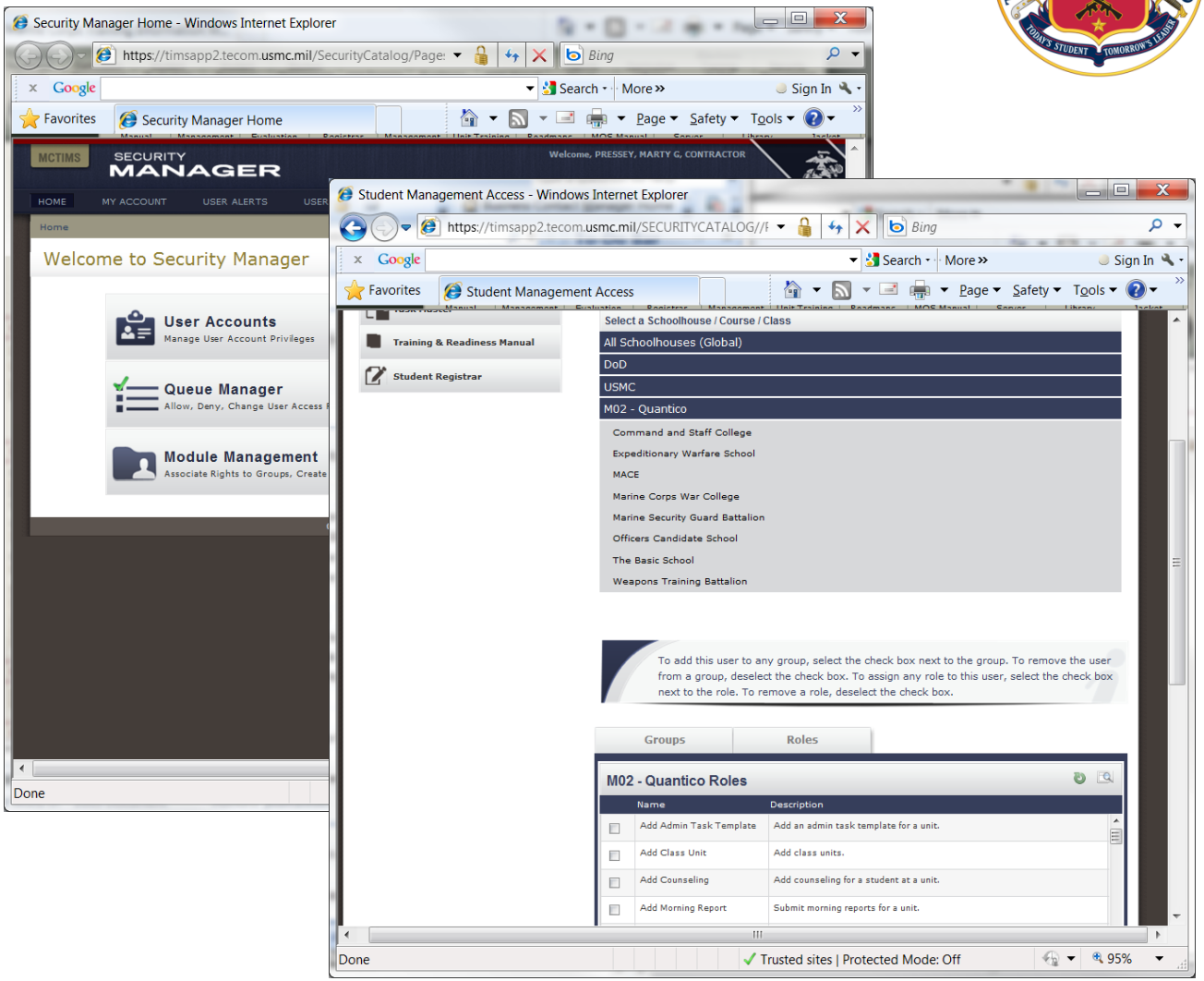
Report Server

- Provides the ability for users to create their own ad-hoc reports
- Currently, only Student Registrar data is available

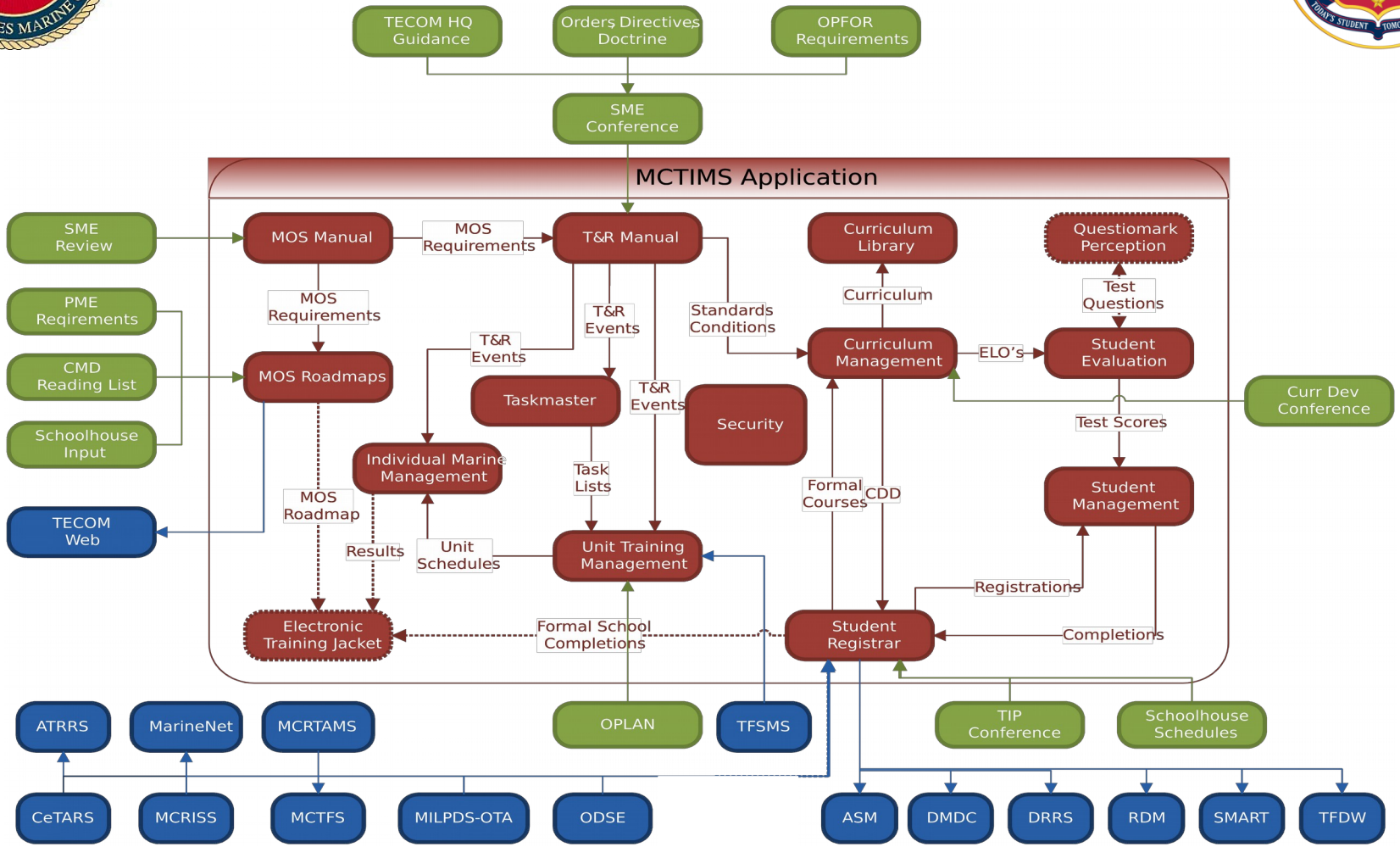


Security

- User accounts created here
- Additional security in each module
- Some security requires database scripts
- Includes roles and rights



Current Interfaces



- Manual
- MCTIMS
- System

Future System Requirements

- The future initiatives include the following efforts:

- Interfaces
  - » DRRS-MC
  - » MCTFS
  - » M-SHARP
  - » GCSS-MC

- Migrate SSNs to Electronic Data Interchange Personal Identifier (EDIPI)
- Migrate MCTIMS Production Hardware to MCEITS
- Develop Scheduling Module
- Design Military Occupational Skill (MOS) Pipeline Tool

- Other initiatives
  - » Standardization of Graphical User Interface (GUI)
  - » Standardization of Functionality across Modules
  - » Stabilization of Architecture

Program Challenges

- Funding
  - » Within current FY12 requirements
- Possible knowledge transfer for system sustainment
  - » Exercise Transition Plan
  - » Transfer Updated Systems Documentation
  - » Transfer Equipment
- Certification and Accreditation
  - » ATO as of 14 July 2010
  - » v2.0.x.x
  - » HW/SW refresh in FY 2012

Acquisition Strategy

- Overall Strategy

  » Improve MCTIMS functionality, commonality, availability, reliability, integration, and multiple system interfaces

- Approach

  » Maximize use of the MCSC Software Enterprise License Management System (MCSELMS) and Marine Corps Common Hardware Suite (MCHS)

Contracting Strategy

- Phase I – Operations and Sustainment Contract
  - Knowledge Transfer
  - Maintenance
  - Hardware/Software Refresh
  - Interface
  - (8) month base

- Phase 2 – Operations and Sustainment / Development Contract
  - Maintenance
  - Interface
  - Development
  - MCEITS Migration
  - Hardware/Software Maintenance
  - (3) Year Option

Logistics Considerations

- Ensure acquisition logistics activities and products align with configuration management and system engineering activities
- Ensure performance metrics are captured
- Contracted Vendor Support
  - » System Support
    - System maintenance and enhancements
    - System development and deployment
    - System development and operational tests (+GATs)
    - Configuration management linked to Requirements Traceability Matrix (RTM)
  - » End User Support
    - Help desk and training
    - Advanced system features and analytical functions

Engineering Considerations

- Guidebook for Acquisition of Naval Software Intensive Systems
  - https://acquisition.navy.mil/rda/home/organizations/dasns/rda_cheng
- Systems Engineering Technical Reviews (SETR)
  - DON Supplement to Guidebook for Acquisition of Naval Software Intensive Systems: Software Criteria and Guidance for SETR (https://acc.dau.mil)
  - MCSC Technical Review Handbook v1-04
  - PM TFITS Interim Policy Letter 1-11
- Product Work Breakdown Structure
  - MIL-STD-881C Appendix K Automated Information Systems
- Information Assurance
  - STIG / IAVA / IAVM / OpDirs Compliance
  - CND Scanning

Questions